

[IEEE HOME](#) | [SEARCH IEEE](#) | [SHOP](#) | [WEB ACCOUNT](#) | [CONTACT IEEE](#)[Membership](#) [Publications/Services](#) [Standards](#) [Conferences](#) [Careers/Jobs](#)**IEEE Xplore**  
RELEASE 1.0Welcome  
United States Patent and Trademark Office[Help](#) [FAQ](#) [Terms](#) [IEEE Peer Review](#)[Quick Links](#)

» See

**Welcome to IEEE Xplore**

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

**Tables of Contents**

- ☐ Journals & Magazines
- ☐ Conferences Proceedings
- ☐ Standards

**Search**

- ☐ By Author
- ☐ Basic
- ☐ Advanced

**Member Services**

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

**IEEE Enterprise**

- ☐ Access the IEEE Enterprise File Cabinet

[Print Format](#)Your search matched **19** of **1051129** documents.A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.**Refine This Search:**

You may refine your search by editing the current search expression or enter a new one in the text box.

☐ Check to search within this result set**Results Key:****JNL** = Journal or Magazine   **CNF** = Conference   **STD** = Standard**1 Detection of LSB steganography via sample pair analysis***Dumitrescu, S.; Xiaolin Wu; Zhe Wang;*Signal Processing, IEEE Transactions on [see also Acoustics, Speech, and Signal Processing, IEEE Transactions on] , Volume: 51 , Issue: 7 , July 2003  
Pages:1995 - 2007[\[Abstract\]](#)   [\[PDF Full-Text \(1176 KB\)\]](#)   **IEEE JNL****2 Detecting LSB steganography in color, and gray-scale images***Fridrich, J.; Goljan, M.; Rui Du;*Multimedia, IEEE , Volume: 8 , Issue: 4 , Oct.-Dec. 2001  
Pages:22 - 28[\[Abstract\]](#)   [\[PDF Full-Text \(376 KB\)\]](#)   **IEEE JNL****3 High capacity image steganographic model***Lee, Y.K.; Chen, L.H.;*Vision, Image and Signal Processing, IEE Proceedings- , Volume: 147 , Issue: 3 , June 2000  
Pages:288 - 294[\[Abstract\]](#)   [\[PDF Full-Text \(720 KB\)\]](#)   **IEEE JNL****4 A LSB steganography detection algorithm***Li Zhi; Sui Ai Fen; Yang Yi Xian;*Personal, Indoor and Mobile Radio Communications, 2003. PIMRC 2003. 14th Proceedings on , Volume: 3 , 7-10 Sept. 2003  
Pages:2780 - 2783 vol.3[\[Abstract\]](#)   [\[PDF Full-Text \(325 KB\)\]](#)   **IEEE CNF**

---

**5 Steganalysis of LSB encoding in color images***Fridrich, J.; Long, M.;*

Multimedia and Expo, 2000. ICME 2000. 2000 IEEE International Conference on , Volume: 3 , 30 July-2 Aug. 2000

Pages:1279 - 1282 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(332 KB\)\]](#) IEEE CNF

---

**6 Increasing robustness of LSB audio steganography using a novel embedding method***Cvejic, N.; Seppanen, T.;*

Information Technology: Coding and Computing, 2004. Proceedings. ITCC 2004. International Conference on , Volume: 2 , April 5-7, 2004

Pages:533 - 537

[\[Abstract\]](#) [\[PDF Full-Text \(1325 KB\)\]](#) IEEE CNF

---

**7 Secure authentication watermarking for binary images***Kim, H.Y.; Afif, A.;*

Computer Graphics and Image Processing, 2003. SIBGRAPI 2003. XVI Brazilian Symposium on , 12-15 Oct. 2003

Pages:199 - 206

[\[Abstract\]](#) [\[PDF Full-Text \(272 KB\)\]](#) IEEE CNF

---

**8 Reliable detection of LSB steganography based on the difference in histogram***Tao Zhang; Xijian Ping;*

Acoustics, Speech, and Signal Processing, 2003. Proceedings. (ICASSP '03). 2003. IEEE International Conference on , Volume: 3 , 6-10 April 2003

Pages:III - 545-8 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(355 KB\)\]](#) IEEE CNF

---

**9 A wavelet domain LSB insertion algorithm for high capacity audio steganography***Cvejic, N.; Seppanen, T.;*

Digital Signal Processing Workshop, 2002 and the 2nd Signal Processing Education Workshop. Proceedings of 2002 IEEE 10th , 13-16 Oct. 2002

Pages:53 - 55

[\[Abstract\]](#) [\[PDF Full-Text \(275 KB\)\]](#) IEEE CNF

---

**10 On steganalysis of random LSB embedding in continuous-tone images***Dumitrescu, S.; Xiaolin Wu; Memon, N.;*

Image Processing. 2002. Proceedings. 2002 International Conference on , Volume: 3 , 24-28 June 2002

Pages:641 - 644 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(326 KB\)\]](#) IEEE CNF

---

**11 Increasing the capacity of LSB-based audio steganography**

*Cvejic, N.; Seppanen, T.;*

Multimedia Signal Processing, 2002 IEEE Workshop on , 9-11 Dec. 2002

Pages:336 - 338

[\[Abstract\]](#) [\[PDF Full-Text \(313 KB\)\]](#) IEEE CNF

---

**12 Image steganalysis with binary similarity measures**

*Avcibas, I.; Memon, N.; Sankur, B.;*

Image Processing. 2002. Proceedings. 2002 International Conference on , Vol 3 , 24-28 June 2002

Pages:645 - 648 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(348 KB\)\]](#) IEEE CNF

---

**13 Steganalysis of LSB embedding in multimedia signals**

*Dumitrescu, S.; Xiaolin Wu;*

Multimedia and Expo, 2002. ICME '02. Proceedings. 2002 IEEE International Conference on , Volume: 1 , 26-29 Aug. 2002

Pages:581 - 584 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(351 KB\)\]](#) IEEE CNF

---

**14 An investigation into the application of linear feedback shift registers for steganography**

*Jamil, T.; Ahmad, A.;*

SoutheastCon, 2002. Proceedings IEEE , 5-7 April 2002

Pages:239 - 244

[\[Abstract\]](#) [\[PDF Full-Text \(450 KB\)\]](#) IEEE CNF

---

**15 Analysis of LSB based image steganography techniques**

*Chandramouli, R.; Memon, N.;*

Image Processing, 2001. Proceedings. 2001 International Conference on , Vol 3 , 7-10 Oct. 2001

Pages:1019 - 1022 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(336 KB\)\]](#) IEEE CNF

---

[1](#) [2](#) [Next](#)

---

[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#) | [Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#) | [No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2004 IEEE — All rights reserved